

DESCRIPTION

1-(2H)-ISOQUINOLONE DERIVATIVE

Continuing Data

This application is a 371 of PCT/JP05/01764 filed 02/07/2005.

TECHNICAL FIELD

[0001]

The present invention relates to a novel 1-(2H)-isoquinolone derivative and a pharmaceutical comprising the same as an active ingredient. The present invention particularly relates to an antitumor agent useful as a therapeutic agent for diseases such as solid cancer.

BACKGROUND ART

[0002]

Regarding a method for synthesizing a 1-(2H)-isoquinoline derivative having a substituent at the 3-position, several reports have already been made. For example, in 1968, Rose et al. have reported a method of allowing ammonia to act on a 3-aryl isocoumarin derivative, so as to synthesize a 1-(2H)-isoquinolone derivative (refer to Non-Patent Document 1). In addition, in 1982, Poindexter has reported a method of synthesizing a 1-(2H)-isoquinolone derivative by the reaction of N,2-dimethylbenzamide with a nitrile derivative (refer to Non-Patent Document 2).

[0003]

Moreover, the pharmacological activity of such an isoquinolone derivative has also been reported. Researchers of Octamer have reported an isoquinolone derivative having